OIPE JC10 MAY 04 2005 PATENT & TRADEMARK OFFICE

05-05-05

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/684,608
Filing Date	October 14, 2004
First Named Inventor	James M. Lockwood
Art Unit	1724
Examiner Name	Robert A. Hopkins
Attorney Docket Number	413107

ENCLOSURES ***(check all that apply)***

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
- ☒ Amendment / Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Reply to Missing Parts/ Incomplete Application
  - ☐ Reply to Missing Parts under 37 CFR1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) ____
  - ☐ Landscape Table on CD
- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) *(please identify below)*:
  Certificate of Mailing
  Return Post Card

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	LATHROP & GAGE LC		
Signature			
Printed Name	Janelle D. Strode		
Date	May 4, 2005	Reg. No.	34,738

CERTIFICATE OF MAILING 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail Post Office to Addressee (Label No. EV413241540US) in an envelope addressed to: Mail Stop: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	Melissa Smith		
Typed or printed name	Melissa Smith	Date	May 4, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

OIPE JC10
MAY 04 2005
PATENT & TRADEMARK OFFICE

CERTIFICATE OF MAILING BY EXPRESS MAIL POST OFFICE TO ADDRESSEE (37 CFR 1.10)			Matter No.
Applicant(s): James M. Lockwood, et al.			413107
Serial No.	Filing Date	Examiner	Group Art Unit
10/684,608	October 14, 2004	Robert A. Hopkins	1724

Invention Method For Removing Heavy Metals And Radionuclides From an Aqueous Solution

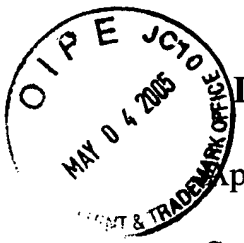
I hereby certify that this: Transmittal Form (1 page), Response to Office Action Mailed April 13, 2005 (10 pages); and return post card are being mailed in an envelope addressed to: Mail Stop: AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 4th day of May, 2005.

Melissa Smith
Name of Depositor

Melissa Smith
Signature of Depositor

EV413241540US
Express Mail Label No.

PATENT
Attorney Docket No.: 413107
Express Mail Label No.: EV413241540US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Lockwood and Green	Examiner: Robert A. Hopkins
Serial No. 10/684,608	Group Art Unit: 1724
Filed: October 14, 2004	
For: METHOD FOR REMOVING HEAVY METALS AND RADIONUCLIDES FROM AN AQUEOUS SOLUTION	

RESPONSE TO OFFICE ACTION MAILED APRIL 13, 2005

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed April 13, 2005, please amend the above-identified application as follows and consider the following remarks. Applicants consider this response to have been timely filed pursuant to 37 C.F.R. § 1.8 and § 1.10.

IN THE CLAIMS begins on page 2 of this response.

REMARKS begin on page 9 of this response.

CONCLUSION begins on page 10 of this response.